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Posey® Hipsters™

Posey Hipsters feature impact absorbing, soft foam pads over the critical fracture area to help minimize potential damage, including hip fractures that can occur from a fall.

Hipsters are available in four styles:

- Standard Unisex Brief easily fits over undergarments, or can be worn as underwear.
- Incontinent Brief features a snap front for easier application over adult diapers.
- Male Fly Brief easily fits over undergarments, or can be worn as underwear.
- EZ-On Brief features a crotchless design that allows patients to wear their own undergarments. The mesh material is water permeable, allowing the EZ On Hipster to be worn during bathing.

All Hipsters are available with original foam padding, or high durability padding designed to withstand laundering in large capacity machines at higher temperature hot washing cycles.

6016 Hipsters, Standard Brief
6017 Hipsters, Incontinent Brief
6018 Hipsters, Male Fly Brief
6019 Hipsters, EZ On
6018 Replacement Pads, 1 pair
6016H Hipsters, High Durability Pads, Standard Brief
6017H Hipsters, High Durability Pads, Incontinent Brief
6018H Hipsters, High Durability Pads, Male Fly Brief

6019H Hipsters, High Durability Pads, EZ On
6008H Replacement High Durability Pads, 1 pair

Application Instructions:

Standard, Male Fly and Incontinent Brief Models
With the Posey label in the back, put the Hipsters on as you would a pair of shorts, sliding them gently over the hips. Adjust to assure that the foam pads are properly aligned with and cover the hip joint.

EZ On Model

- 1. Unfasten the hook and loop at the waist and thighs.
- 2. Wrap the garment around your waist. The labels should be at the back and on the inside of the waistband.
- 3. Fasten the hook and loop at the front of your waist. The waist-band should be securely fastened to allow minimal shifting of the garment, but should not feel tight or restrictive.
- 4. Pull the left panel taut over the left hip and thigh. The pad should be positioned directly over the hip joint.
- 5. Secure the leg band around the lower thigh using the hook and loop attachment. The elastic band should be tight enough to prevent the pad from sliding out of place without restricting circulation.
- 6. Repeat steps 4 and 5 on the right side.

I Center for Disease Control and Prevention, 27 Aug. 2004, wanted graphical adhips Surskehoundry him







WW107 W0W1011

#6019 / #601911

Laundering Instructions
Posey Hipster with High Durability pads are designed to withstand laundering in higher temperature hot washing cycles.
Hipsters can be washed according to CDC guidelines for soiled
linen. However, using the lower temperature washing and drying cycle for non-contaminated linen will prolong product life.
"Studies have shown that a satisfactory reduction of microbial
contamination can be achieved at water temperatures lower
than 160°F if laundry chemicals suitable for lower-temperature
washing are used at proper concentrations. In the home, normal
washing and drying cycles including 'hot' or 'cold' cycles are
adequate to ensure patient salety. Manufacturers instructions for
the machine and the detergent or wash additive should be followed closely."

- Adhere hook and loop straps before laundering to prevent lint build-up on hook during laundry cycle. If hook and loop does not adhere due to lint, clean hook material with a stiff brush.
- If EZ On pads are removed, wipe clean with mild, liquid disinfectant before replacing in the pants.

Hipsters





High Durability Hipsters

180-F 82-C VASH HOT BLEACH 25 MIN ON



Siz€	Waist Measurement	Hip Measurement		
S	28" - 30" or 71 - 76cm	35" - 37" or 88 - 93cm		
М	30" - 34" or 76 - 86cm	37"-41" or 93-104cm		
L	34"-38" or 86-96cm	41"-45" or 104-114cm		
XL	38"-42" or 96-106cm	45" - 49" or 114 - 124cm		
XXL	42"-46" or 106-116cm	49" - 53" or 124 - 134cm		

AWARNING

Due to the random possibility of falls, the Posey Company makes no guarantee, express or implied, that the user is protected from hip trauma. The skin under the pants should be assessed regularly and Hipsters should be changed and washed after each incontinent episode to prevent skin breakdown.

Posey Hipsters contain foam pads that are sealed in a pouch to protect it from water. If the pouch is cut or the seal is broken during laundering, moisture will enter the pouch and may result in waterlogged foam. Waterlogged foam encased in the pouch may promote the growth of bacteria.

- · Test the foam and pouch integrity by squeezing the pad in one fist, forcing the air to one end, resulting in an air bubble.
- If you hear or feel liquid or air escaping, the pouch is damaged.
- If the pouch is damaged, discontinue use and discard.

Clinical References Supporting the Use of Hip Protectors

Title:

Results:

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External Hip Protectors to Prevent Osteoporotic Hip Fractures

Author: Publication:

A. Ekman, H. Mallmin, K. Michaelsson, S. Ljunghall The Lancet, volume 350, August 23, 1997

Study Objectives: Ekman and colleagues conducted a controlled study on the use of hip protection to prevent hip fractures. One expectation was to either

confirm or disprove the 1993 reported findings of J.B. Lauritzen and colleagues in "Effect of external hip protectors on hip fractures."

The use of hip protectors as preventative treatment for hip fractures was validated. *Our study confirms a reduced risk for hip fractures of the same magnitude as the previous report."

Recommendations: With improved compliance external the protectors should be an effective proprietable against applicabilities?

Title.

Prevention Of Hip Fracture in Elderly People

Author:

Pekka Kannus, M.D., Ph.D., et al.

Publication:

The New England Journal of Medicine, Vol. 343, No. 21, November 21, 2000

Study Objectives: The purpose of this study was "to determine whether an external hip protector would be effective in preventing hip fractures among elderly adults." The study population was comprised of elderly adults from 22 community based health-care centers in Finland; a treatment group of 653 and a control group of 1,148 participants.

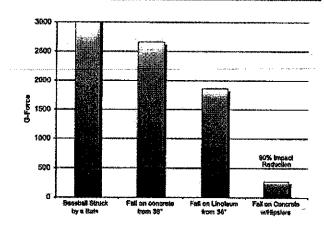
Results:

The degree of compliance with the hip protector was 48 ± 29%. The hip protector group suffered 13 hip fractures, 9 of which occurred while not wearing the hip protector, compared to 67 hip fractures in the control group.

Recommendations: "We conclude that the risk of hip fractures can be reduced in frail elderly adults through the use of an anatomically designed external hip protectors. Striv 11 persons need to use the hip protector for one penator a persons

Posey Hipsters Proven Effective in Laboratory Test

An independent laboratory study was conducted to determine the most effective impact absorbing material. A test was created that would simulate a fall causing direct impact to the greater trochanter. In this study, a weight was released in a guided drop to simulate a 120 lb. subject falling from a height of 36", or the estimated height of the hip above the floor for a typical nursing home resident. The baseline measurement of impact force was determined to be a fall directly onto concrete. The G-Force of a fall under this scenario was 2,660Gs and, for purposes of comparison, is just slightly less impact force than that of a baseball being struck by a bat. In this extreme test, the low profile Posey Hipster reduced the impact force on average by 90% and showed excellent impact energy absorption.



Testing was conducted by Garwood Laboratories. Data on file at J.T. Posey Company 'Source: www.madsci.org

STANDARD BRIEF Easily fits over undergarments, or can be worn as underwear. Unitex sizing. #6016H Standard Brief with high durability pads. POSEY #6017 INCONTINENT BRIEFO-CAMPERTORY for easier application over chapter. Unitex sizing. #8017H Incontinent Brief with high durability pads. POSEY #6018 MALE FLY BRIEF Can be worn as undergarments, or Gan be worn as underwear.



under clothing. By offering increased protection, that risk with Posey Hipsters. The Hipsters' and slim enough to be virtually undetectable Hipsrees relieve residents' anxiety about It's a long way down for residents at risk of injury from falls. You can greatly reduce uninjured. The Hipsters are comfortable positioned precisely over the hip bones, falling and enhance their quality of life. high energy-absorbing foam pads are increasing the odds of surviving a fall



protect hip bones against injury from falls

versus hard-shelled products without removing the packs







Posey Hipsters Proven Effective in Laboratory Test

Discreet, low-profile pads are virtually undetectable under clothing

Five sizes for correct fit 100% fatex-free

baseline measurement of impact force was determined to be a fall directly ords convente. The Chroco of a fall under this seconds was 2,660Cs and, for purposes of comparison, is just slightly less impact force than that of a baseball being stouck by a bat. In his extreme test, the low profile Rosey Hipser reduced the impact bove on average by 90% and showed excellent impact energy absorption. refect a constorable and effective Impact absorbing material A test was created that would structure a full canaing direct hisey engaged Garwood Laboratories to conduct testing to impact to the greater mochanter. In this study, a weight was released in a guided thep to simulate a 120 h, subject fallen from a beight of 36", or the estimated beight of the hip bove the Roor for a typical nursing home resident. The

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Special offer: 30-day no-risk free trial.

her the Possy Hipsters for yourself with no obligation to him

POSET #60.16 HIPSTERS STANDARD BRIEF

- Fly front for improved compliance in male residents.
 - # #6018H Male Fly Brief with high durability pads.

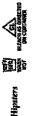
POSEY #6019 E2-ON BRIEF Residents can wear their own

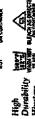
- undergarments.
- Can be worn in the shower. Hip pads can be removed fo
- Hip pads can be removed for laundering or replacement. #6019H EZ-ON Brief with high
 - durability pad.

ANT COLOR OF COLOR	Waist Measurement Hip Measurement	17" or 88 .	37* - 41" or 93 - 104cm	78 X	92	SF - 53" or 124 - 134cm	
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Posey High Durability Hissers contain denser foam than the standard Hissers. This increased density aids in its ability to withstand higher hot washing and drying cycles.

LAUNDERING INSTRUCTIONS









Lee Rash

From:

Jeffrey Yates

Sent:

Friday, July 27, 2001 5:30 PM

To:

'Robert.Weaver2@med.va.gov'; Gary Platzman

Cc:

Dorene.Opava-Rutter@med.va.gov; Vicky Walters; Emie Posey; 'jim.mcfall@med.va.gov'

Subject:

Impact Data regarding Posey Hipsters



HipsterIII VA.doc

Greetings,

Thank you for your message Bob.

Attached to this email is an outline of the impact tests that were recently completed on the New Posey Hipster III product. The New Posey Hipster III absorbs 90% of the impact force of a fall (27% better performance than the current Hipster product).

Manufacturing will begin in a few weeks and I expect we will be in-stock and ready to ship near the end of August.

Vicky and I would like to meet with you early next week to review this study, present the falls research papers we have collected and most importantly, discuss the correlation of the data from the 1994 and 1999 Finnish and studies to the laboratory tests completed on our product this week through an independent testing facility.

If you are in agreement with the test results, Vicky and I would like to work with you on test protocols for a clinical trial on this product and any other products of interest. As Gary and I mentioned during our visit, Posey will provide a reasonable quantity of the Hipster III for clinical trials at NO COST. This is how confident we are that the new Posey Hipster III is the best energy absorbing external hip protector on the market.

I left voicemails for Dr. Rutter and Bob Weaver today (7/27) and will follow-up with another call on Monday to confirm receipt of this email.

I hope you have/had a great weekend.

Jeffrey Yates Director of Marketing J.T. Posey Company 5635 Peck Road Arcadia, CA 91006 (626) 443-3143 x102 (626) 443-5064 - Fax jyates@posey.com

----Original Message----From: Robert.Weaver2@med.va.gov [mailto:Robert.Weaver2@med.va.gov]

Sent: Thursday, July 26, 2001 8:05 AM

To: Gary Platzman; Jeffrey Yates

Cc: Dorene.Opava-Rutter@med.va.gov

Subject: VA Hip protectors

CONFIDENTIAL ATTY'S EYES ONLY

PC 0853

Good morning,

I wanted to keep you both updated on our progress here at the falls

in WLA. The executive manager of prosthetics, James McFall, cleared the

ahead to order 50 of the safehip model hip protectors. That decision is based on the current research that has been done on the device and our clearance to place an order ASAP. Dr. Opava-Rutter will review the literature of the hipsters when it arrives (did you send the info?). The falls prevention team is struggling with the product trial/clinical research on the hipsters b/c of the added commitment on our end getting clearance with research review board. Will keep you posted.

Thanks,

Bob Weaver, MS, RKT Site Coordinator

> CONFIDENTIAL ATTY'S EYES ONLY

> > PC 0854



Posey Company

5635 Peck Road Arcadia, CA 91006-0020 USA Web: www.posey.com

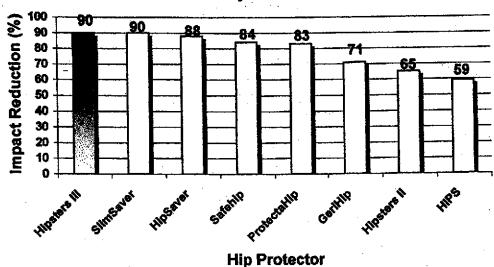
Victoria Walters Product Manager Tel: (626) 443-3143 Ext. 181 Fax: (626) 443-5064 Email: vwalters@posey.com

Posey Impact Test Results July 26, 2001

The graph below depicts the level of impact reduction from different commercially available hip protector products sold in the US when tested according to the following protocol.

- 1. Tests were conducted using a guided drop tower
 - missile weight = 72.5lbs
 - contact surface = 6 inches in diameter
 - drop height 28.5 inches
- 1. Three drops per specimen
- 2. Three-minute recovery time between drops
- 3. All measurements were recorded in G-Force
- 4. A baseline of 2,660G was used to measure impact absorption. We estimate that 2,660G's is the approximate impact force to the area of the greater trochanter for a 120lb person falling from a height of 36".

Hip Protector Impact Reduction Rate Comparison



Manufacturers and worldwide distributors of quality healthcare products since 1937

CONFIDENTIAL ATTY'S EYES ONLY PC 0852